

CLAIMS

1. A safety device for an elevator, characterized by comprising:

a pair of pivot levers provided to a car guided by a guide rail, the pair of pivot levers being pivotable about a pair of pivot shafts that are parallel to each other;

a plurality of braking members each provided to each of the pivot levers, the plurality of braking members being capable of coming into and out of contact with the guide rail through pivotal movement of the pivot levers;

a connecting member connected between the pivot levers; and

an electromagnetic actuator for causing the connecting member to undergo reciprocating displacement to pivot the pivot levers in a direction for bringing the braking members into and out of contact with the guide rail.

2. A safety device for an elevator according to Claim 1, characterized in that:

connecting portions of the connecting member with the pivot levers are arranged on the same side with respect to a plane containing axes of the pivot shafts; and

the electromagnetic actuator causes the connecting member to undergo reciprocating displacement in a direction perpendicular

to the plane.

3. A safety device for an elevator according to Claim 1, characterized in that:

connecting portions of the connecting member with the pivot levers are arranged on different sides with respect to a plane containing axes of the pivot shafts; and

the electromagnetic actuator causes the connecting member to undergo reciprocating displacement along a straight line connecting between the connecting portions.